

# Notice of Allowability

Application No.

09/871,485

Examiner

HUNG Q. PHAM

Applicant(s)

GHUKASYAN ET AL.

Art Unit

2168

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/21/2006.
2. ☒ The allowed claim(s) is/are 1-10.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 10/30/06.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
TIM VO  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with applicants' representative, Patrick T. Bever, on 10/24/06.

In the Claims filed on 08/21/2006, please

KEEP claims 2-8 and 10 as is

REPLACE claims 1 and 9 with the version amended by examiner as below:

Claim 1. *A dynamic database management comprising:*

*a processor in conjunction with:*

*a data dictionary including identifications of related groups of tables in a database, information of tables in said related groups, and identifications of parameters of said related groups; and*

*a data importer receiving an input from an input file including data to be imported into said database, an indication of one of said related groups that is associated with said data, and parameters associated with said data,*

*wherein said data importer*

*forming a set of existing parameters and a set of new parameters from said parameters associated with said input data, based upon identification of parameter of said related groups stored in said data dictionary;*

*determines input data associated with said set of existing parameters, and input data associated with said set of new parameters;*

*appends one or more portions of said determined input data associated with said set of existing parameters to corresponding one or more existing tables associated*

*with said set of existing parameters and having said related groups of tables as references;*

*creates a new table having said related groups of tables as references and fields corresponding to said new parameters;*

*imports said determined input data associated with new parameters to said created new table, and*

*updates said data dictionary to include said identifications and information of said new table and said new parameters, whereby said updated information includes identification of both of said one or more existing tables and said new table.*

Claim 9. *A method for managing a dynamic database in a processing system, comprising:*

*creating a data dictionary including identifications of related groups of tables in said dynamic database, information of tables in said related groups, and identifications of parameters of said related groups;*

*receiving an input from an input file including data to be imported into said dynamic database, an indication of a related group of tables that is associated with said data, and parameters associated with said data;*

*determining input data associated with existing parameters and data associated with new parameters;*

*forming a set of existing parameters and a set of new parameters from said parameters associated with said input data, based upon identification of parameter of said related groups stored in created data dictionary;*

*determining input data associated with said set of existing parameters and input data associated with said set of new parameters;*

*appending said determined input data associated with said set of existing parameters to corresponding one or more existing tables having said related group of tables as references;*

*creating a new table having said related groups of tables as references and fields corresponding to said set of new parameters;*

*importing said determined input data associated with said set of new parameters to said created new table; and*


*updating said data dictionary to include identifications and information of said new table and said new parameters, whereby said updated information includes identification of both of said one or more existing tables and said new table.*

**Contact Information**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUNG Q. PHAM whose telephone number is 571-272-4040. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TIM T. VO can be reached on 571-272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
HUNG Q PHAM  
Examiner  
Art Unit 2168

October 30, 2006

  
TIM VO  
SUPERVISORY PATENT EXAMINER  
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